



Town of Mashpee

PROCEDURES FOR FILING CONTROL CONSTRUCTION APPLICATION

This form is based on the IBC 2009 and 780 CMR Massachusetts Amendments (MA). Any references to the Massachusetts Amendments will be listed as (MA).

The Town of Mashpee is a Stretch Code Community and is in the 110 mph Wind Zone.

Prior to the issuance of ANY BUILDING PERMIT(s), the following pages are to be completed and submitted to this office

SUBMIT PAGES 2 - 15

Along with the submitted pages, you are required to submit the following reports....

- Testing and Certification (Chapter 10, sec. 1001.3.2 (MA)) shall be submitted with the Application
- Geotechnical investigation required (1803.2) submit written report
- Energy Efficiency per Appendix AA Stretch Code (MA)
- Per Chapter 13 Sec 103.2 (MA) description in detail the items listed
- Fire Protection Documents per 107.1.2 (MA) & 901.2.1 (Tier One) (MA)

Reports are to be sent as stated or arranged with the Building Department. Failure to submit the necessary or required periodic inspection reports may result in a **STOP WORK ORDER**.

Prior to the issuance of **ANY** type of CERTIFICATE OF OCCUPANCY, the following pages are to be completed and submitted along with a complete record of any Periodic Inspection reports and the Town's standard Occupancy Certificate Sign Off Sheet ...

SUBMIT PAGES 16 - 20

These applications are designed for you to fill in calculations, fill in the blanks, or circle the correct response. If it applies, there shall be a statement of NOT APPLICABLE provided if that particular section does not apply to your particular project.

NO PAGE is to have any section or question left unanswered.



Town of Mashpee
BUILDING DEPARTMENT

QUICK PROJECT DESCRIPTION

Address _____

Proposed Use _____

Use Group Classification _____

Brief Description of work _____

Occupancy Load per Floor _____

I hereby attest and certify that to the best of my knowledge, the above information is accurate and is also in accordance with the plans submitted.

Original Signature

Date



Town of Mashpee

BUILDING DEPARTMENT

List the following individuals involved in this project and shall be submitting the necessary reports as required PURSUANT TO 107.6.2.2 (MA)

REGISTERED ARCHITECT

Print name

Registration Stamp

Address

Telephone

Signature

REGISTERED STRUCTURAL ENGINEER

Print name

Registration Stamp

Address

Telephone

Signature

GENERAL CONTRACTOR

Print name

Registration Number

Address

Telephone

Signature



Town of Mashpee
BUILDING DEPARTMENT

REGISTERED FIRE ENGINEER

Print name

Registration Stamp

Address

Telephone

Signature

REGISTERED HVAC ENGINEER

Print name

Registration Stamp

Address

Telephone

Signature

REGISTERED ELECTRICAL ENGINEER

Print name

Registration Stamp

Address

Telephone

Signature

USE GROUP CLASSIFICATION

(Chapter 3)

Use Group Classification (303.0 - 312.0) _____

SEPARATED USES

(Chapter 302.3.2)

NOT APPLICABLE

List Required Separation per Use (Table 302.3.2) _____

Required Separations of Occupancies (Table 302.3.2) _____

TYPE OF CONSTRUCTION

(Chapter 6)

Construction Classification (602.0)

_____ TYPES I and II _____ TYPE III _____ TYPE IV _____ TYPE V

Fire Resistance Rating for Exterior Walls (Table 602) _____

Based on Table 601 what is the Fire-Resistance Rating Requirements for...

Structural Frame _____ Bearing Walls _____ Nonbearing Walls Exterior _____

Nonbearing Walls Interior _____ Floor Construction _____ Roof Construction _____

Based on Table 602 what is the Fire-Resistance Rating Requirements for Exterior Walls based on Fire

Separation Distance _____

FIRE RESISTANCE CONSTRUCTION

(Chapter 7)

NOT APPLICABLE

List Fire Resistance Rating (Table 707.3.9) _____

Per Table 706.4, list Fire Wall Resistance Rating _____

Shaft Enclosures meet 708.0 YES NO **NOT APPLICABLE**

Fire Partitions meet 709.0 YES NO **NOT APPLICABLE**

Smoke Barriers meet 710.0 YES NO **NOT APPLICABLE**

Smoke Partitions meet 711.0 YES NO **NOT APPLICABLE**

Horizontal Assemblies meet 712.0 YES NO **NOT APPLICABLE**

Penetrations comply with 713.3.1.1 and 713.3.1.2 YES NO **NOT APPLICABLE**

Membrane Penetrations comply with 713.3.2 YES NO **NOT APPLICABLE**

Ducts and Air Transfer Openings comply with 716 YES NO **NOT APPLICABLE**

Do the Floor and Roof Systems meet Table 720.1(3) YES NO **NOT APPLICABLE**

Fire Doors meet 715 and Table 715.4 YES NO **NOT APPLICABLE**

Do the Fire Dampers meet 716.0 and Table 716.3.2.1 YES NO **NOT APPLICABLE**

ALLOWABLE HEIGHT AND AREA

(Chapter 5 and Table 503)

Based on Table 503

Group _____ Bldg. Ht. _____ Stories Area _____

Type of Construction (Table 503) **Circle One**

Type I A Type I B Type II A Type II B Type III A Type III B Type IV HT

Type V A Type V B

Mezzanines comply with 505.0 YES NO **NOT APPLICABLE**

INTERIOR FINISHES
(Chapter 8)

NOT APPLICABLE

List Interior Finishes Requirements (Table 803.9) _____

MEANS OF EGRESS
(Chapter 10)

Occupancy Load (Table 1004.1.1)

| Location | Total |
|----------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Attach a separate sheet for listing additional
areas of the building as needed

TOTAL _____

Number of Exits Required (Table 1021.1 and Table 1021.2) _____

Does the Length of Exit Access travel meet Table 1016.1 YES NO

Does it meet section 1005.0 YES NO **NOT APPLICABLE**

Does it meet section 1006.0 YES NO **NOT APPLICABLE**

Does it meet section 1007.0 YES NO **NOT APPLICABLE**

Does it meet section 1008.0 YES NO **NOT APPLICABLE**

Does it meet section 1009.0 YES NO **NOT APPLICABLE**

Does it meet section 1010.0 YES NO **NOT APPLICABLE**

Does it meet section 1011.0 YES NO **NOT APPLICABLE**

Does it meet section 1012.0 YES NO **NOT APPLICABLE**

Does it meet section 1013.0 YES NO **NOT APPLICABLE**

Does it meet section 1014.0 - 1016 YES NO NOT APPLICABLE

Does it meet section 1017.0 YES NO NOT APPLICABLE

Does it meet section 1018.0 YES NO NOT APPLICABLE

Does it meet section 1020.0 YES NO NOT APPLICABLE

Does it meet section 1022.0 YES NO NOT APPLICABLE

Does it meet section 1023.0 YES NO NOT APPLICABLE

Does it meet section 1024.0 YES NO NOT APPLICABLE

If NO or Not Applicable, why _____

Does it meet section 1025.0 YES NO NOT APPLICABLE

Does it meet section 1026.0 - 1029 YES NO NOT APPLICABLE

MECHANICAL EQUIPMENT AND SYSTEMS (Chapter 28)

Do the Mechanical Systems meet Chapter 28(MA) YES NO NOT APPLICABLE

STRUCTURAL (Chapter 16)

CONSTRUCTION DOCUMENTS (1603.0)

Floor Live Load (1603.1.1) _____ Roof Live Load (1603.1.3) _____

Wind Load (1603.1.4)

(1) Basic Wind Speed _____ (2) Wind Importance Factor _____

(3) Wind Exposure _____

Earthquake Design (1603.1.5)

- (1) Seismic Importance Factor and Seismic Use Group _____
- (2) Mapped Spectral response Accelerations _____
- (3) Site Class _____
- (4) Spectral response coefficients _____
- (5) Seismic Design Category _____
- (6) Basic Seismic-Force-resisting system _____
- (7) Design base shear _____
- (8) Seismic response coefficient(s) _____
- (9) Response modification factor(s) _____
- (10) Analysis procedure used _____

Snow Load (Figure 1608.2) _____ **NOT APPLICABLE**

Snow Guards (1608.9 (MA)) _____ **NOT APPLICABLE**

Live Load (Table 1607.1) _____ **NOT APPLICABLE**

Lateral Soil Load Classification (Table 1610.1) _____ **NOT APPLICABLE**

Wind Speed (Figure 1609) _____ **NOT APPLICABLE**

Occupancy Category (Table 1604.5) _____ **NOT APPLICABLE**

Uniform Live Loads (Table 1607.1)

| Occupancy or Use | Uniform psf |
|------------------|-------------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Seismic Design Category (1613.5.6) Circle One

Seismic Use Group I Seismic Use Group II Seismic Use Group III

Seismic Category (1613.5.2) Circle One

A B C D E F

Does the Foundation and Footings, meet the appropriate sections 1807.0 - 1810.0 **YES** **N0**

Do the retaining Walls meet section 1806.0 YES N0

ROOF AND ROOF COVERINGS **NOT APPLICABLE**
(Chapter 15)

List Fire Classification of Roof (1505.1) Class _____ Type of Construction _____

PLUMBING CODE
(CMR 248)

Number of Plumbing Fixtures required (2.10) _____
Male Female

HANDICAP ACCESSIBILITY **NOT APPLICABLE**
521 CMR Architectural Access Board Regulations

Check off those items that are applicable to the project. If no Items are checked off, submit a letter as to why this project does not need to comply with 521 CMR.

_____ Site Access _____ Exterior Signage _____ Ramps _____ Stairs
_____ Entrances _____ Parking Lots Marked _____ Doors/Doorways
_____ Public Restroom _____ Drinking Fountains _____ Elevators
_____ Public Telephones _____ Floors _____ Shower Room _____ Walks

ENERGY EFFICIENCY

(Chapter 13)

PART 1

R Value of Walls _____ R Value of Floors _____

R Value of Roof/Ceiling Assembly _____

R Value of Foundation Walls _____

ENERGY EFFICIENCY

(Chapter 13)

PART 2

In accordance with 104.2 of 13.00; Construction documents are to be submitted as an addendum to this packet which shall contain the following information:

1. A description of the design intent providing a detailed explanation of the ideas, concepts and criteria that are defined by the owner to be important.
2. A description of the basis of design of the system.
3. A description of the sequence of operation of the systems and their interaction with other systems, including fire prevention and fire protection systems.
4. A description of the systems including the capacities of the equipment or systems.
5. A description of the testing requirements and the criteria for passing to be used for final systems acceptance.
6. A requirement for submittal of operation manuals and maintenance manuals as condition of final acceptance and a description of their format and content. The operation manual shall provide all relevant information needed for day-to-day operation and management of each system. The maintenance manual shall describe equipment inventory and support the maintenance program.

GLAZING

NOT APPLICABLE

(Chapter 24)

| | | | |
|-------------------------------------|-----|----|-----------------------|
| Safety Glazing complies with 2406.0 | YES | NO | NOT APPLICABLE |
| Glazing complies with 2407.0 | YES | NO | NOT APPLICABLE |
| Glazing complies with 2408.0 | YES | NO | NOT APPLICABLE |
| Glazing complies with 2409.0 | YES | NO | NOT APPLICABLE |

SUPPRESSION SYSTEM

(Chapter 9)

NOT APPLICABLE

In accordance with 901.2.1 (MA), a Complete Fire Protection Construction Documents shall be submitted in accordance with 780CMR 901.0 and a building permit obtained prior to the installation. Said Fire Protection Construction Documents shall address all 21 items listed per 901.2.1 (MA)

| | | | |
|---|-----|----|-----------------------|
| Does the Suppression System meet 903.0 | YES | NO | NOT APPLICABLE |
| Smoke Control System meet 905.0 | YES | NO | NOT APPLICABLE |
| Standpipe System meet 905.2.1 (MA) | YES | NO | NOT APPLICABLE |
| Standpipe System meet 905.2.2 (MA) | YES | NO | NOT APPLICABLE |
| Fire Department Connections meet 912.0 | YES | NO | NOT APPLICABLE |
| Fire Protective Signaling System meet 907.0 | YES | NO | NOT APPLICABLE |
| Fire Protective Signaling Plans meet 907.1.2.1 (MA) | YES | NO | NOT APPLICABLE |
| Fire Pumps comply with 913.0 | YES | NO | NOT APPLICABLE |
| Fire Extinguishers meet 906.0 | YES | NO | NOT APPLICABLE |
| Smoke and Heat Vents comply with 910.0 | YES | NO | NOT APPLICABLE |

FIRERESISTIVE CONSTRUCTION**NOT APPLICABLE**

(Chapter 9)

In accordance with 901.1.1 (MA) a Complete Fire Protection Construction Documents shall be submitted in accordance with 107.1.2 (MA) and a building permit obtained prior to the installation. Said Fire Protection Construction Documents shall address all 22 items listed per 901.2.1 (MA)

Review Table 903.2 (MA), will an Automatic Sprinkler be required for this project? **YES NO**

If **NO**, explain why_____

| | | | |
|--|-----|-----|--------------------------|
| Does the Suppression System meet 903.0 | YES | NO | NOT APPLICABLE |
| Does the alarms comply with 903.4.2 (MA) | | YES | NO NOT APPLICABLE |
| Smoke Control System meet 909.0 | YES | NO | NOT APPLICABLE |
| Standpipe System meet 905.0 | YES | NO | NOT APPLICABLE |
| Fire Department Connections meet 912.0 | YES | NO | NOT APPLICABLE |
| Fire Alarm and Detection System meet 907.0 | | YES | NO NOT APPLICABLE |
| Fire Pumps comply with 913.0 | YES | NO | NOT APPLICABLE |
| Fire Extinguishers meet 906.0 | | YES | NO NOT APPLICABLE |
| Smoke and Heat Vents comply with 910.0 | YES | NO | NOT APPLICABLE |
| Carbon Monoxide Protection comply with 916 (MA) | | YES | NO NOT APPLICABLE |
| Are the Signs installed per 901.7 (MA) | YES | NO | |
| Manual Fire Alarm in Group E per 907.2.3 (MA) | | YES | NO NOT APPLICABLE |
| Manual Fire Alarm in Group A per 907.2.1 (MA) | YES | NO | NOT APPLICABLE |
| Addressable Fire Alarm System per 907.2.8.3.2 (MA) | | YES | NO NOT APPLICABLE |
| Smoke Control System per 909.2 (MA) | YES | NO | NOT APPLICABLE |

SPECIAL DETAILED REQUIREMENTS

(Chapter 4)

NOT APPLICABLE

COVERED MALL BUILDINGS (402.0) NOT APPLICABLE

Lease Plan Submitted (402.3) _____ YES _____ NO

Automated Sprinkler System (402.9) _____ YES _____ NO

Complies with Kiosk requirements 402.11 YES NO NOT APPLICABLE

ATRIUMS (404.0) NOT APPLICABLE

Automated Sprinkler System (404.3) _____ YES _____ NO

Fire Alarm System (404.4) _____ YES _____ NO

Smoke Control System (404.5) _____ YES _____ NO

Standby Power (404.6) _____ YES _____ NO

USE GROUP I-2 (407.0) NOT APPLICABLE

Complies with 407.0 YES NO

USE GROUP I-3 (408.0) NOT APPLICABLE

Complies with 408.0 YES NO

Special Amusement Buildings (411.0) NOT APPLICABLE

Complies with 411.3 YES NO NOT APPLICABLE

Complies with 411.4 YES NO NOT APPLICABLE

Complies with 411.5 YES NO NOT APPLICABLE

Complies with 411.6 YES NO NOT APPLICABLE

Complies with 411.7 YES NO NOT APPLICABLE

Complies with 411.8 YES NO NOT APPLICABLE

DO WE HAVE COMPLIANCE IN THE FOLLOWING AREAS

| | | | | | |
|-------------------------------------|-----|----|-----|----|----------------|
| STAGES AND PLATFORMS (410.0) | | | YES | NO | NOT APPLICABLE |
| AIRCRAFT HANGER (412.0) | YES | NO | | | NOT APPLICABLE |
| SPRAYING ROOMS (416.0) | | | YES | NO | NOT APPLICABLE |
| SPRAYING SURFACES (416.2.1) | | | YES | NO | NOT APPLICABLE |
| SPRAYING SPACES (416.3) | YES | NO | | | NOT APPLICABLE |
| SPRAYING SURFACES (416.3.1) | YES | NO | | | NOT APPLICABLE |
| SPRAYING SPACES (416.3) | YES | NO | | | NOT APPLICABLE |
| SPRAY BOOTH (416.4) | YES | NO | | | NOT APPLICABLE |
| FIRE PROTECTION (416.5) | | | YES | NO | NOT APPLICABLE |
| RADIO AND TV TOWERS (3108.0) | | | YES | NO | NOT APPLICABLE |
| Grounding per 3108.5 | YES | NO | | | NOT APPLICABLE |



Town of Mashpee
BUILDING DEPARTMENT

Final Certification

The undersigned, being duly sworn, deposed

1. I have made regular and periodic site visits to observe the construction carried out at

The project, located at _____, Town of Mashpee,
Massachusetts

Under Building Permit # _____ .

2. All required approvals and material affidavits have been submitted. There are no outstanding violations of law or orders of the Building Department; and the said construction has been satisfactorily completed in all respects in accordance with plans and specifications submitted for permit. It has been found to meet all applicable codes, rules and regulations of the Town of Mashpee and the Commonwealth of Massachusetts (except those items, if any, listed on Exhibit A, which do not endanger the intended occupancy of the project, or which constitute deviations from the said plans and specifications).

Date

Signature and Seal



Town of Mashpee
BUILDING DEPARTMENT

**FIRE PROTECTION SYSTEM
CERTIFICATION**

Building Permit # _____

I, _____, as the registered Professional Fire Engineer
Print Name

responsible for the design of the Fire Protection System, in accordance with 901.5.1(1) (MA), I hereby certify that to the best of my abilities that...

- The fire protection systems have been installed in accordance with the approved fire protection construction documents and that
- I have reviewed the shop drawings for conformance to 780 CMR 901.5 (MA) and that I have identified deviations if any, from the approved fire protection construction documents.
- That a set of As Built Plans per 901.2.1(3) (MA) have been submitted to the Building Department.
- I also confirm that the building owner/developer or authorized representative has received as-built fire protection system shop drawings from the Installing Contractor per 901.5.1 (2) (MA).
- I am also confirming that in accordance with 901.5 that the Building Official and the Fire Department has witnessed a satisfactory functional testing of the system and
- In accordance with 904.5.1 (MA), a Discharge Test had been performed.
- That a Copy of the Final Report per 909.18.8.3.1 (MA) has been filed with both the Building Official and the Fire Official.

Signature

Date

Seal



Town of Mashpee

BUILDING DEPARTMENT

Structural Certification

We have made the normal and usual field investigations for the purposes of evaluating the building

located at _____ In the Town of Mashpee,

Massachusetts under Building Permit # _____ .

Based upon the field investigations, it is our professional opinion that the structure of the building is sufficiently sound to accommodate the proposed construction, and that no hazard, regarding public safety will result therefrom.

Date

Signature

and

Seal



Town of Mashpee
BUILDING DEPARTMENT

Contractor Certification

Building Permit _____

Print

I, _____, hereby certify to the best of my

knowledge and belief, that the said project, located at _____

in the Town of Mashpee, has been constructed in accordance with the 780 CMR 116.3 items 1 and 2 and with all pertinent deviations specifically noted.

Signature of General Contractor _____



Town of Mashpee
BUILDING DEPARTMENT

Application for Certificate of Occupancy

Address of Project _____

Permit No. _____ Date Issued _____

Type of Construction _____

Use Group _____ Number of Stories _____

Maximum Occupancy Load _____

REQUESTED ACTION

_____ Full Certificate of Occupancy _____ Temporary Certificate of Occupancy

I hereby attest and certify that to the best of my knowledge, all work has been completed in accordance with the approved plans, permits and regulations. ALL required forms and/or affidavits are attached for approval. Incomplete items, listed on the Temporary Certificate of Occupancy, will be completed by the date on said Certificate.

Signature

Seal

Date